

i.Beat

300

User Manual



TREKSTORTM
www.trekstor.de

i.Beat 300



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Safety Precautions

The following are precautions that you should always keep in mind. Any violation of one or more of the following precautions may cause damage to the unit and will void the warranty.

1. MP3 PLAYER

Make sure you do not use the unit with purpose which doesn't exist on the manual.

Use the unit when the temperature is from -5° to 35° which is able to function and do not leave it in an excess of heat or an extremely low place.

>>> Do not leave the unit inside of car because its indoor temperature can go up to 80°.

Do not put in a heater, a microwave, kitchen utensils or a high pressure instrument.

>>> This may cause a liquid leakage, heat emission, the ignition or become the factor of a defect.

Do not convert, disassemble or repair the unit at your discretion.

>>> Make sure that repair shop of the head office is the only place in charge for repairs.

The unit is not a waterproof product. Leave in a dry spot.

>>> Humidity or Liquid can damage parts and the circuit of the unit.
>>> In case of being wet, do not turn on the unit and dry with a clean rag. Then, request for mending in a repair shop. Service will be charged on this occasion.

Somehow, fixing could be unable in some cases. For that reason, beware of steeping.

Beware of sitting down with the unit in your pocket.

Be careful with the heavy shock such as wrenching the unit or placing under heavy objects.

>>> It may cause damage to the cover of the unit or the screen and break the inside of it.

Do not polish the cover with chemical materials or detergent.

>>> Clean the cover with a piece of soft cloth.

Avoid the spot of much dirt and do not place on a steep slope.

>>> Foreign substance may cause a wrong operation and a shock may lead to a defect.

Avoid the magnetic material and areas near the direct magnetic force.

>>> It can cause a defect.

Strongly recommend that you need to save backup copies for the important files.

>>> Save the important data separately because data can be damaged by user's fault and deleted after repairs. The manufacturer doesn't have responsibility for losing data.

Pay attention to the direction when you connect USB cable to a PC and tools,

>>> It can cause the damage to a PC and tools,

Safety Precautions

2. Copyright

All rights reserved. Distributing music files without permission of the author against the copyright. TrekStor GmbH & Co. KG does not have responsibilities for this act.



3. Earphones/Headphones

Do not use earphones when you are driving vehicles or walking on a crosswalk.

>>> It may cause a fatal accident.

Do not use earphones with loud sound for a long time.

>>> Audition can be injured.

>>> Turn the volume down or stop using earphones when buzzing in the ears take place.

4. Adaptor

Use AC power adaptor and USB cable which we provided only.

>>> Non licensed accessories can cause a defect and the user have to pay for repairs.

Do not touch with wet hands.

>>> You may receive an electronic shock.

Avoid charging when lightning flashed.

>>> Beware of a fire from an electric leakage.

Do not connect the plugs in to the multi outlet when using AC power adaptor.

>>> This may cause a fire hazard

5. Circumstance information

When you detach the package, separate packing materials and old electric products for recycling

Packing materials consist of cardboard and polyethylene. We don't use unnecessary materials for wrapping.

Features

1. Multi codec support

MP3, MP2, WMA, OGG

2. FM tuner/synchronous recording

Hearing FM tuner and convenient recording with the one button.

3. FM Frequency auto set function.

Auto Preset function which finds channels automatically according to the user's location.

4. MP3 format support for voice recording.

It provides high quality sound of voice recording with a built-in microphone (MP3, 16Kbps, 1.5GB - recording time over 200 hours)

5. Direct Encoding

All kinds of sound facilities can create MP3 format even without PC.

6. Various functions for language studies

Support with rewind, fast-forward, repeat section, scan during playback

7. 6 types Equalizer and SRS WOW

9 kinds of various sound effect including Normal, Rock, Jazz, Classical, Pop, User EQ (5 bands), SRS, TruBASS, WOW

8. Navigator

It manages file folders like window exploring for example Pop-music, Documents, Images, etc.

9. Image Viewer

It shows image files such as JPEG format.

Features

10. Text Viewer

- It shows document files such as TEXT format.

11. USB version 2.0

- It's possible to transmit high-speed by USB version 2.0 (480Mbps)

12. Built-in rechargeable battery

- You don't need extra batteries. Use the built-in Li-polymer battery.

13. Portable mass storage device

- PC recognizes the local disk automatically and immediately without the installation driver.
(With the exception of using Windows 98/98SE, drivers are required)

14. Graphic LCD with wide 8 lines.

- 8 line, 65,000 colored LCD. From now on, watch with the colorful LCD.

15. Multi-language support

- For using easily anywhere in the world, it supports multi-language.

16. Firmware upgrades

- Elevation of efficiency with easy upgrades

17. Play list (coming soon)

18. Lyrics scrolling during playback(coming soon)

Package Contents

Name of Parts

LCD Display

Package Contents

It changes options at will for product feature improvement.

It can be different with the actual object.



i.Beat 300



User Manual



USB extension cable



Earphones



Line-in cable



Mini B



Driver CD

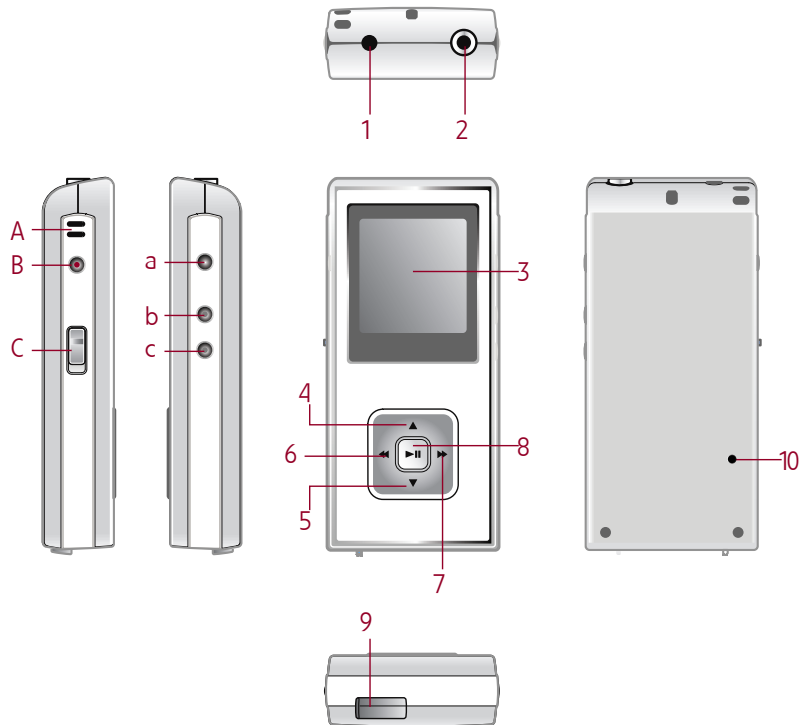


Hand strap



Carrying case

Name of Parts



Name of Parts

1. Front/Back side

1	Encoding Jack	6	REW (<<) Button
2	Earphone Jack	7	FF (>>) Button
3	LCD Display	8	Play/Pause Button
4	Volume (+) Button	9	USB Connector
5	Volume (-) Button	10	Reset Button

2. Left side

A	Microphone	a	MENU Button
B	REC Button	b	A-B Button
C	HOLD Button	c	MODE Button

3. Right side

A	Microphone	a	MENU Button
B	REC Button	b	A-B Button
C	HOLD Button	c	MODE Button

LCD Display

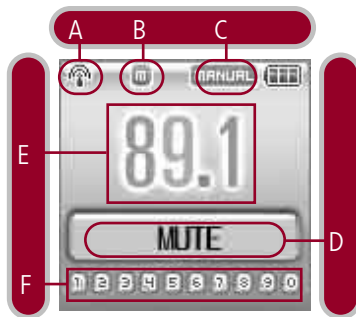
1. Player mode



- | | | | |
|---|--|---|------------------------|
| A | Player mode display | I | Play progress bar |
| B | EQ icon | J | Play/Pause icon |
| C | Hold icon | K | Volume |
| D | Mark of playing back
selected segment | L | Bitrate/Sample rate |
| E | Repeat icon | M | Played time |
| F | Battery icon | N | Current Track number |
| G | File name and ID3 Tag information | O | Total number of tracks |
| H | Visualization | P | File format |

LCD Display

2. FM Radio mode



A FM Radio mode display

B Stereo/Mono icon

C Manual/Preset mode icon

D Mute icon

E Frequency

F Preset channel

LCD Display

3. Recording mode

Line in recording

Voice recording

FM recording



A Recording mode display

B Recording File name

C Recording time

D Possible time to record

E Recording bitrate/Sample rate

i.Beat

300

Using i.Beat 300

Basic Function

To change mode

Player mode

FM Radio mode

Record mode

Navigator mode

IMAGE viewer

TEXT viewer

Games

Basic Function

1. Power on/off

Power on/off

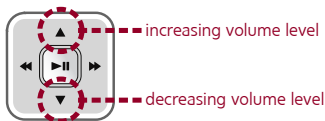
Press **Play/Pause** button over 3 sec when Power on/off.



Power may turn off automatically depending on the setup of Auto shutdown or Sleep timer.

2. Volume Control

You can control volume by using **Volume** button.



When you press the button briefly, volume changes step by step. If you press the button continuously, volume changes sequentially. Volume level: 00(min) ~ 40(max)

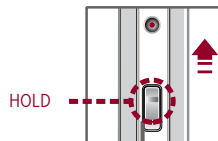


3. Hold

If you slide up **Hold** button on , all buttons will be locked.



icon appears at LCD.

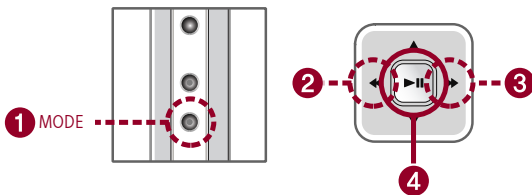


To change mode

There are 7 modes (Player, FM Radio, Record, Navigator, Image viewer, Text viewer, Game).

1) Press the **1** **MODE** button long enough to go other mode.

2) Select the mode by using **2** **3** button and press **4** button.



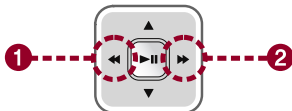
FM Radio mode

2. MANUAL status

Moving frequency manually

By pressing the **1 2** button shortly to RW or FF in MANUAL status, you can manually move down or up 0.1 MHz frequency.

By pressing the **1 2** button long enough to RW or FF, the player searches the lower or upper frequency able to receive.

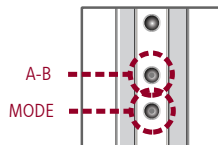


Save a frequency

By pressing the **1 2** button shortly, search a specific frequency.

Press **A-B** button shortly then select one channel by pressing the **1 2** button.

Then press **A-B** button shortly again, saves a frequency received to specified channel.



Auto preset

Press **A-B** button long enough, the player finds frequencies able to receive and saves each frequency to 10 preset channels automatically.

If you press **REC** button, it stops the Auto preset function.



FM Radio mode

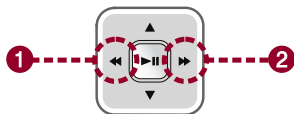
3. Preset status

Moving preset channels

By pressing the **1 2** button shortly to RW or FF in PRESET status, you can move backward or forward preset channel.

By pressing the **1** button shortly, you can move backward preset channel

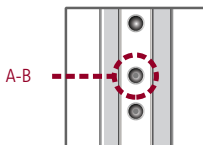
By pressing the **2** button shortly, you can move forward preset channel.



To delete preset channel

By pressing the **1 2** button shortly, select a specific preset channel.

Press **A-B** button long enough, then delete a frequency of a preset channel

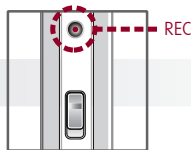


4. Record broadcasting

Press the **REC** button over 2 seconds for recording FM Radio at the FM Radio mode.

If you press **REC** button for a long time when you stand by on the stop position, sound recording starts.

Press the **REC** button long enough to stop recording.



Record mode

Press the **MODE** button long enough.

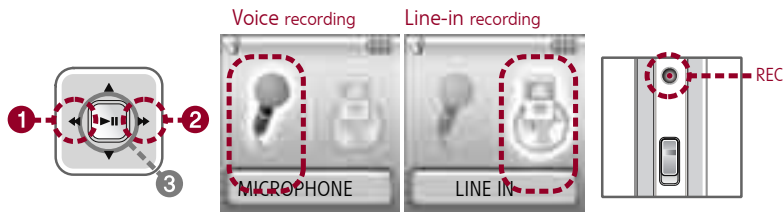
Select the Record mode by using **1 2** button and press **3** button.

Select recording menu between **Voice recording** and **Line-in recording** by using

1 2 button.

Press the **REC** button shortly in stand by Voice(or Line-in) recording to start recording.

Press the **REC** button shortly to stop recording.



 Format of recorded file is MP3.

You can control volume by using **VOLUME** button for recording.

If you press the **REC** button long enough in Player mode, Navigator mode, IMAGE viewer, TEXT viewer mode, then returning to the stand by Voice recording mode.



You can setup the bit rate depending on the device of recording.

(For more details about EQ setup, refer to the Record Quality setup Menu details p.31)



Navigator mode

Press the **MENU** button in Player mode, FM Radio mode, Recording mode.

Press the **MODE** button long enough. Select the Recording mode by using **1** **2** button and press **5** button.

Exit Folder Navigator mode : Press the **MENU** button shortly or press **1** button in Root folder.

- 3** Cursor moves up
- 4** Cursor moves down
- 1** Move up level folder or Return to the player mode in Root folder
- 2** Open folder or play a specific file
- 5** Open folder or play a specific file

REC File delete

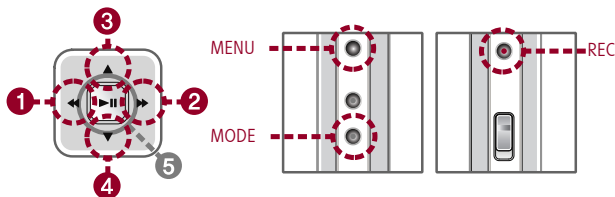
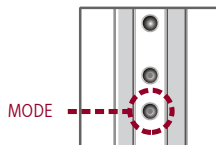


IMAGE viewer

Press the **MODE** button long enough.

Select the IMAGE viewer mode by using **1 2** button and press **5** button

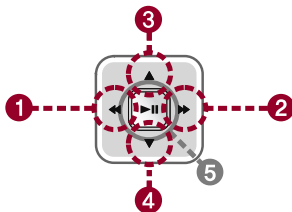


3 -Cursor moves up

4 -Cursor moves down

5 -Full size image or return to the image list

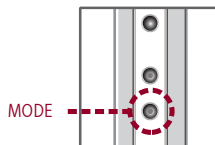
1 2 -Open backward or forward image directly



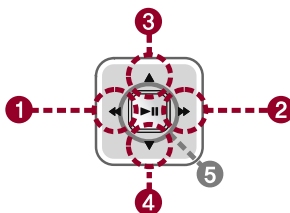
TEXT viewer

Press the **MODE** button long enough.

Select the TEXT viewer mode by using **1 2** button and press **5** button



- 3** -Cursor moves up, text page up
- 4** -Cursor moves down, text page down
- 5** -Full size image or return to the text file list
- 1 2** -Open backward or forward text file



Bejeweled

Building over three blocks in a row with exchanging neighboring blocks and eliminating them.



move left
move right
move up
move down



select the block
hint
menu board

i.Beat
300

MENU

MENU

1. Menu List

 Basic set	Basic set	Language
		Initialize
		Information
 Display set	Display set	Background
		Backlight
		Contrast
		Scroll Speed
 Effect set		LCD Pwr mode
	Effect set	Preset set
		SRS set
		USER EQ set

 Playmode	Playmode	Normal
		Repeat all
		Repeat track
		Shuffle once
		Shuffle repeat
		Normal folder
 Record Quality		Repeat folder
		Shuffle folder
	Record Quality	Microphone
 Shutdown set		Record FM
		Line in
	Shutdown set	Sleep timer
		Auto shutdown

MENU

2. Menu details

Enter Menu mode

Press the **MENU button** long enough in Player mode, FM Radio mode, Record mode, Image viewer and Text viewer mode.

Exit Menu mode

Select the IMAGE viewer mode by using **1 2** button and press **5** button

Shortly press the **MENU button** on the sub-menu then it moves to the upper-menu.

Shortly press the **MENU button** on the upper-menu then it moves back to the previous mode.

Select Menu

By pressing the **1 2** button, select a menu.

And press **5** button.

Basic set

Language

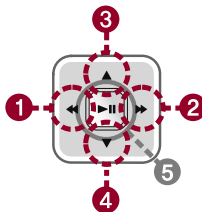
Setup the language display. (English, Korean, Japanese, French, German)

Initialize

Initialize all menu details

Information

Display firmware version and system information.



2. Menu details

Display set

Background

Setup the background during music playback.

If you want to abandon the background setup, press **A-B button** for long during music playback. If you want to reset up the background, press **A-B button** for long and it will show up.

Backlight

You can control backlight timer as 3, 5, 10, 20 sec, always on including light disable.

Contrast

Control the brightness of LCD (level : 00~100)

Scroll Speed

You can control Text Scroll speed within the level between 00~08.

LCD Power mode

After backlight setup time goes by, LCD is definitely out.

Therefore, power saving mode spares the consumption of battery.

In case of key input during LCD is off, LCD screen appears.

2. Menu details

Effect set

Preset set

Preset set has 6 EQ modes (normal, rock, jazz, classical, pop, user EQ).

SRS set

SRS Focus - Low, Middle, High

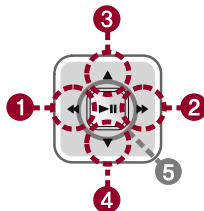
TruBASS set - 00, 21, 43, 64, 85

WOW set - 00, 21, 43, 64, 85

SRS size - Earphone, Headphone, Small speaker, Middle speaker, Big speaker

USER EQ set

- 1) By pressing the **1** **2** button to move each band (5 bands) then by pressing the **3** **4** button to adjust level.
- 2) After setting the EQ value press **5** button, then it returns to the Player mode.



Playmode

-  Normal : Play all tracks once in order.
-  Repeat all : Play all tracks repeatedly in order.
-  Repeat track : Play one track repeatedly.
-  Shuffle once : Play all tracks once without the order.
-  Shuffle repeat : Play all tracks repeatedly without the order.
-  Normal folder : Play all tracks in a specific folder once in order.
-  Repeat folder : Play all tracks in a specific folder repeatedly in order.
-  Shuffle folder : Play all tracks in a specific folder without the order.

2. Menu details

Record Quality

Microphone

Recording quality control can be setup bit rate and sample rate of voice (using microphone).

Higher numerical value means better sound quality but recording time becomes shorter.

Record FM

Recording quality control can be setup bit rate and sample rate of FM Radio.

Higher numerical value means better sound quality but recording time becomes shorter.

Line in

Recording quality control can be setup bit rate and sample rate of Recording using Line in.

Higher numerical value means better sound quality but recording time becomes shorter.

Shutdown set

Sleep timer

Sleep Timer has 6 modes, 15, 30, 45, 90, 120, disable. After being chosen time, power the unit off even if you listen music or radio.

Auto shutdown

When music is paused or stopped, System turns off power after 1, 2, 5, 10min automatically. Disable mode does not apply to Auto Power saving.



Connecting and Disconnecting

USB connection

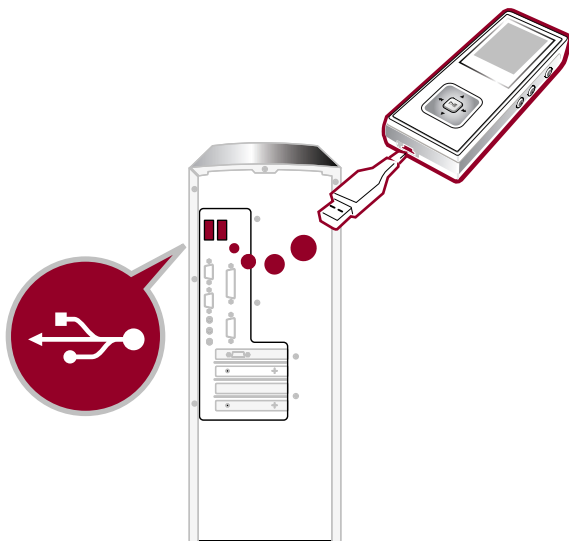
Driver setup

File download/upload

USB disconnection

USB Connection

When you connect this player into PC, you have to use the USB extension cable or Mini B included in package contents. Foreign USB extension or Mini B may cause a wrong operation and a shock may lead to a defect.



Driver setup

1. PC system requirements (minimum)

Microsoft Windows 98 SE/Me/2000/XP (Mac OS X, Mac OS 9.x, Linux)

- 1) CD-ROM Drive
- 2) Pentium 200MHz
- 3) RAM 32MB (Windows ME, 2000) or 64MB (Windows XP)
- 4) 20MB HDD space (more HDD for storing music file)
- 5) USB port

1. Microsoft Windows 98(se) and Mac OS X/Mac OS 9.x do not provide a USB mass storage feature. Therefore you should install this functionality using the 'Driver installation CD'.

2. If you use Microsoft Windows 2000 and it has been patched with Service Pack 3, or Windows ME/XP, PC recognizes as a "Local disk" directly.



2. Driver setup guide

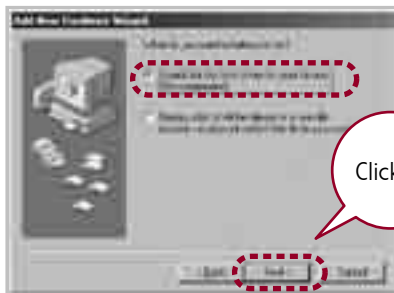
1. Insert the 'Driver installation CD' in the CD-Rom of your PC.
2. When you connect your player to your PC
3. You can see 'New Hardware Found' message.



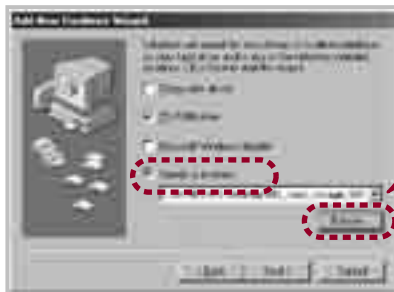
Driver setup

2. Driver setup guide

4. Check the menu 'Search for the best driver for your device. (Recommended)' and then click Next.



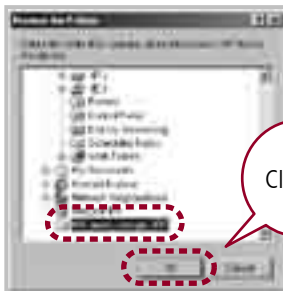
5. Check the menu 'Specify a location' and then click the button [Browse].



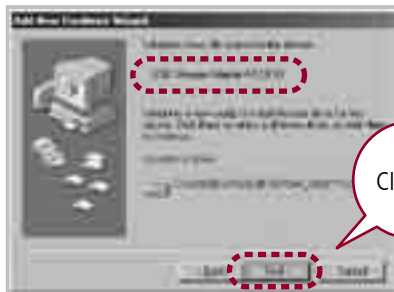
Driver setup

2. Driver setup guide

6. At the window of 'Browse for Folder', choose the [MS_mass_storage_601] in the drive which has CD driver.



7. At the window of 'Add New Hardware Wizard', 'USB Storage Adapter AT2(CY)' appears then click Next.



Driver setup

2. Driver setup guide

8. Copying requested driver files from driver CD and installing finishes and end screen appears.



9. If you can see the '**CORNICE Inc. Storage Ele**' in Control Panel -> System -> Device Manager -> Disk drives, then completely done setup



When driver is not installed correctly and computer recognizes the unit as the other device, delete the device from Device Manager. And separate the unit from the computer and reconnect the unit again. If the message 'New Hardware Found' shows up, start from 4. 'driver setup' which you can see above and set up completely.



File download/upload

1) Connect the player into your PC.



2) Select any files what you want transfer your player.



3) In local disk, paste files.



You do the previous process in reverse when you want to upload files from the unit to PC

PC recognizes as a "Local disk" which is a subordinate of "My computer" when the unit is connected to PC.



USB Disconnection

If you don't follow steps of disconnection by OS, It may cause a fatal damage of the player and also data may be lost.



You can't remove the local disk device when the local disk window opened.

- 1) Click "Stop USB Mass Storage Device-Driver", where your PC screen's bottom taskbar.



- 2) Click OK as shown below then disconnect the player from your PC.



Charging

Firmware upgrade

Trouble Shooting

Specification

Limited warranty

Charging

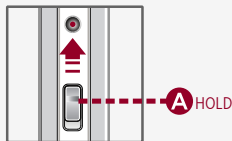
If you connect the unit to the USB port of PC, it charges automatically.

➡ There is a demerit that charging speed becomes very slow due to the electric power consumption from internal equipments, (approx. 5~6 hours)

An electric charging is available with a portable adaptor.

1. If the unit is turned on, press  for a long time to turn it off.
2. Button up the left side of **A** to  direction.
3. Start charging through the connection to an adaptor.

➡ However, playback is available during charging with an adaptor.



Firmware upgrade

1. Firmware

Many functions are operated by the program built-in Hardware.

You can improve the function of the unit and correct bugs by firmware upgrade.

2. Firmware download and upgrade guide

Go to TrekStor website www.trekstor.de and download latest F/W version.

- 1) Connect the player into the USB port.
- 2) Copy and paste the Firmware file (filename.rom) as Root folder in local disk.
- 3) Disconnect the player from your PC as following the steps of disconnection.
- 4) Press  long enough then power on. Then you can see the 'Firmware upgrade' message and upgraded automatically.

3.Recovery

When computer recognizes the unit as a local disc but power is not on or it doesn't operate normally, you can restore it by using Recovery function.

- 1) Connect the player into the USB port.
- 2) Insert Installation CD into CD-Rom.
- 3) Double click [Recovery.exe](#) in the directory of installation CD.
- 4) After confirming the drive name of Local drive which is connected to computer, then press [Recovery button](#)
- 5) Separate the unit for using 'Stop USB Mass Storage Device-Driver' and have it on your hand.

Trouble Shooting



In case of trouble shooting, please first verify the contents below .

Condition	Solution	Action following
Power does not turn on.	Connect to an AC adaptor or Computer USB port and charge for 3-5 hours. Check the hold button if it is on or not.	If it still does not work after separating the unit from the charging equipment, need to ask for After-sales service. Even if the hold button is off and still does not turn on, ask for After-sales service.
Sound does not come out from the unit.	1) Check the numerical value of sound volume if it is "0" or not. 2) Check the earphone jack if there is dust or not and if earphone plug connects to the unit well or not. 3) Check the function of earphones if it works well with other audio devices. 4) Verify the music file if it is damaged or not by using other audio devices.	If it still does not work after checking all four cases, ask for After-sales service.
It does not receive FM radio.	FM reception conditions can be bad inside of building, subway, moving car, etc. Use FM radio except the places above.	If it still does not work wherever you go and try to receive FM frequency, ask for After-sales service.
Impossible to find 'Local disk' of 'My computer' when the unit connects to the computer.	In case of using Windows 98(se), need to install the driver for recognizing the unit.	If the same problem happens after following the part of manual related with Driver setup, circumstances of computer can be the factor. Please contact the customer service.
Screen is stopped.	Press the reset button on the back and press  for long to turn on.	If it does not turn on after checking the content above 'Power does not turn on.', ask for After-sales service.
Even it is empty, the full capacity is not 1.5GB.	This unit shares hard drive about 150MB for the System territory. Therefore excluding the essential system territory, the full using capacity is smaller than the actual capacity.	

Specification

	Item	Specification
General	Memory	1.5GB (1" Hard Disk)
	Size(mm)	93.0mm x 42mm x 17.9mm
	Weight	80g (included battery)
	Display	Full Graphic LCD, 65536 color
AUDIO	File format	MPEG1 Audio Layer2 (.MP2)
		MPEG1/2/2.5 Audio Layer3 (.MP3)
		Window Media Audio (.WMA)
		Ogg Vorbis (.OGG)
	Earphone output	(L)18mW + (R)18mW (160Ω)
	SNR	90dB
FM RADIO	Frequency band	76.0 MHz ~ 108 MHz
Recording	Recording Format	MP3
	Recording time	Over 200 Hours (MP3, 16Kbps, 1.5GB)
Power	Battery	Rechargeable Li-Polymer Battery built-in
	Playtime	10 hours (Continuous)
	Recharging time	3~5 hours
Computer Interface	OS	Windows 98 SE/Me/2000/XP
		Mac OS X
		Mac OS 9.x
		Linux
	USB	USB Version 2.0
	Transmission speed	28Mbps (Download)/37Mbps (Upload)

Limited warranty

This i.Beat brand product, as configured and distributed by TrekStor GmbH & Co. KG, and delivered, in the original carton to the original consumer purchaser, is warranted by TrekStor against manufacturing defects in materials and workmanship for following limited warranty period: One (1) year.

Contents of Product Guarantee

1. If the product should fail during normal operation within the guarantee term, TrekStor GmbH & Co. KG will repair the product free of charge or provide compensations in accordance with the compensation rule for consumer damages.
2. The following cases are charged for service regardless of the term of guarantee.
 - Damage caused by careless handling of product.
 - Disassembling or altering of product for other purposes.
 - Damage caused by fire, earthquake, flood or other natural disasters.
 - Damage caused by shock.
 - Damage due to improper repairing services received from other service centers.

MEMO

Handwriting practice lines consisting of 18 sets of three horizontal dashed lines.



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